JMYT-340US PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

10/521,217

Applicant:

Duncan Roy Coupland et al.

Filed: Title:

Herewith ALLOY

TC/A.U.: Examiner:

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the reference(s) listed on the 1449 form, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Japanese Patent Nos. 1-119595, 10-259435, 10-162931, and 2000-290739 are not in the English language, but English abstracts thereof are attached to the copies of the references submitted herewith. Also, these references were cited by foreign patent offices in counterpart foreign applications. A copy of the English language search reports, indicating the degree of relevance determined by the foreign patent offices are submitted herewith. MPEP Section 609A(3), second paragraph.

JMYT-340US PATENT

This Information Disclosure Statement is being filed along with the response to the Notification of Missing Requirements in this application. Therefore, no fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

Christopher R. Lewis, Reg. No. 36,201

Kathleen Libby

Attorney for Applicants

CRL/Irb

Enclosures: PTO Form 1449

Copy of eight (8) references

Copy of International Search Report

Copy of British Search Report

Dated: July 14, 2005

P.O. Box 980 Valley Forge, PA 19482-0980 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

EXPRESS MAIL

Mailing Label Number: EV 504354055 US

Date of Deposit:

July 14, 2005

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

LRB_I:\JMYT\340US\IDS-001.DOC

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known				
Application Number	10/521,217			
Filing Date	Herewith			
First Named Inventor	Duncan Roy Coupland			
Art Unit				
Examiner Name				
Attorney Docket No.	JMYT-340US			

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	No.1	Number - Kind Code ^{2 (If known)}	(MM-DD-YYYY)	Applicant of Cited Document	Figures Appear		
	1	US-3,262,779	07-26-1966	Price et al.			
	2	US-3,293,031	12-20-1966	Rhys et al.			
	3	US-3,918,965	11-11-1975	Inouye et al.			
	4	US-3,970,450	07-20-1976	Liu et al.			
		US-					
		US-					
		US-					
		US-					
		US-	·				
	[US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	a	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
	Cite No.1 Cot	Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	Τ6
	5	EP-0 866 530-A1	09-23-1998	NGK Spark Plug Co. Ltd.		
	6	GB-1,051,224	12-14-1966	Taylor et al.		
	7	JP-1-119595	05-11-1989	Tanaka Kikinzoku Kogyo KK		
	9	JP-10-162931	06-19-1998	NGK Spark Plug Co. Ltd.		
	8	JP-10-259435	09-29-1998	Furuya Kinkoku KK		
	10	JP-2000-290739	10-17-2000	Tanaka Precious Metal Ind.		
	11	WO-00/21110	04-13-2000	Samsung SDI Co., Ltd.		

Examiner	Date	
Signature	Considered	
	***·	

¹Applicant's unique citation designation number (optional).

5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).
⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

DO NOT SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449B/PTO	Complete if Known		
	Application Number	10/521,217	
INFORMATION DISCLOSURE	Filing Date	Herewith	
STATEMENT BY APPLICANT	First Named Inventor	Duncan Roy Coupland	
(Use as many sheets as necessary) Art Unit			
	Examiner Name		
SHEET of	Attorney Docket No.	JMYT-340US	

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²		
	12	C. Huang et al., "Ir-Based Refractory Superalloys by Pulse Electric Current Sintering (PECS) Process (II Prealloyed Powder)," Journal of Materials Engineering and Performance, Volume 11, No. 1, February 2002, pp. 32-36.			
	_				
Examiner	 	Date			
Signature	1	Considered	0		

Signature			Considered		_
			•		_
*FXAMINER: IS	sitial if reference considered, whether or not citation is in conforman	ice with MPEP 609 Draw line	through citation if n	nt in conformance and	not

considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.